

# PRODUCT PRICE LIST FOR COMMERCIAL DEVELOPERS

Effective June 1, 1993 • C O N F I D E N T I A L

COMPUTERS		RAM (MB)	HD (MB)	CPU	Speed (MHz)	FPU	Additional Information	Price
	A600	1	-	68000	7.16	-	Incl. PCMCIA slot, built-in RF modulator, <i>Robocop 3, Myth, Shadow of the Beast III, MicroText and Graphic Workshop</i>	324.00
	A600P	1	-	68000	7.16	-	Incl. PCMCIA slot, built-in RF modulator	324.00
	A600HD40	1	40	68000	7.16	-	Incl. PCMCIA slot, built-in RF modulator	487.00
	A1200	2	-	68EC020			Incl. PCMCIA slot, built-in RF modulator	499.00
	A2000C	1	-	68000	7.16	-		845.00
	A3000-25/50	2	50	68030	25	68882		1274.00
	A3000-25/100	5	100	68030	25	68882		1480.00
	A3000T-25/100	5	100	68030	25	68882		1540.00
	A3000T-25/200	5	200	68030	25	68882		1590.00
	A3000T-040/200	5	200	68040	25	-		2300.00
<b>New!</b>	A4000-030/120	4	120	68EC030	25	-	(Note: This processor has no MMU)	1550.00
	A4000-040/120	6	120	68040	25	-	Incl. high density drive, IDE interface	2404.00
PERIPHERALS								
	1084S	RGB analog and composite monitor (13") with built-in stereo speakers						252.00
<b>New!</b>	1942	Color multiscan monitor						309.00
	A2010	A2000 series internal 3.5" disk drive						80.00
	A3010	A3000 series internal 3.5" disk drive						80.00
	A2058	16-bit 2-8 MB RAM expansion board (shipped with 2 MB)						230.00
	A2060	Arcnet network interface adapter (without software)						150.00
	A2065	Ethernet network interface adapter (software sold separately, see AS225)						215.00
	A2386SX-25	Amiga 386 Bridgeboard						449.00
	A2091	Autobooting SCSI hard disk controller and memory board						131.00
<b>New!</b>	A4091	Amiga Zorro III SCSI-2 controller						249.00
	A2286	Amiga AT bridgeboard with high density 5.25" floppy						252.00
	A2300	Amiga genlock board						111.00
	A2320	Display enhancer board (A2000 series)						189.00
	A2630/4	68030-based accelerator board (A2000 series) with 4MB 32-bit RAM						844.00
	A3640	68040-based accelerator board (A3000 series) w/on-chip FPU and MMU						1299.00
	A3070	150MB external SCSI tape drive						450.00
	A2410	TI34010 high-resolution graphics card						649.00
	A501	512K RAM expansion board & clock/calendar for A500						45.00
	A601	1MB RAM expansion board & clock/calendar for A600						78.00
	A590	20MB hard disk drive for A500 (sockets for up to 2MB RAM)						350.00
	A1011	External 3.5" disk drive						99.00
	A520	RF modulator and composite video adapter						25.00
	A570	CD-ROM Drive for A500						429.00
SOFTWARE								
	AS225	TCP/IP network communications software with NFS client capability						125.00
	AS251	AmigaVision Professional authoring system						149.00
	AS260	Amiga Clips, Vol. I: Sound Effects						19.00
	AS230	Software Assy. Janus 2.1						22.00
	AX001	Amiga UNIX Software 2-User (U.S. version)						776.00
	AX002	Amiga UNIX Software Unlimited User (U.S. version)						932.00

## Notes

1. All Amiga computers (except CDTV) come with keyboard, mouse and 3.5" disk drive. A3000s also include *AmigaVision*.
2. Products are sold to registered developers directly from Commodore for research and development purposes and not for resale.
3. While all registered developers can purchase any of the products on the price list, technical product development support is offered only for products for which a registered developer has submitted product plans.
4. CommodoreExpress™ and Commodore Gold service are not available for equipment purchased through developer programs.
5. Technical material discount coupons are NOT redeemable against products on this price list.
6. Limit of 3 of each product per year, unless cleared through CATS administration.
7. \* Call for availability before ordering this item.

## Ordering Instructions

All orders must be accompanied by check or money order for the full amount. Add local sales tax for the following states: California, Tennessee, Illinois, Virginia and Pennsylvania (Virginia and Pennsylvania orders are exempt if a copy of the Sales Tax Exemption Form is sent to the Accounting Department). For faster processing, pay by VISA or MasterCard, money order or cashier's check. Include your developer number on the check and on your order. Also include a shipping address and day-time telephone number. Prices include shipping (via ground transportation) in the U.S. For orders to Canada, add \$15 to cover air shipping. For express charges or any questions about your order, call CATS at (215) 431-9180. Mail orders to: CATS-Orders, 1200 Wilson Drive, West Chester, PA 19380. Fax orders to (215) 429-0643. Products only available for shipping in the continental U.S. and Canada. This price list applies only to registered Commercial Developers.

CM600193

Prices subject to change without notice.

# Commodore Applications and Technical Support

## CDTV PRODUCT PRICE LIST

### FOR COMMERCIAL DEVELOPERS

**Effective June 1, 1993 • C O N F I D E N T I A L**

CDTV	Product	Description	Price
	CD1000	CDTV Interactive Multimedia Player w/ Motorola 68000 16/32 bit 7.14 MHz, 1 MB RAM, includes infrared remote control	\$480.00
	CD1500	CDTV Professional Bundle includes black Amiga keyboard (beige keys), black 3.5" disk drive, black mouse, Amiga Appetizer software ( <i>Write, Paint, Music</i> and <i>Tile</i> ).	150.00
ACCESSORIES	Product	Description	Price
	CD1200	Trackball controller has dual joystick connector; operates either by infrared remote control or by the plug-in cable provided.	\$75.00
	CD1300	Video Genlock Card; controlled by CDTV standard remote	125.00
	CD1400	CD Caddies (Set of 2 black caddies)	10.00
	CD1401	Personal Memory Card (64K)	75.00
	CD1405	Personal Memory Card (256K)	225.00
TITLES*	Product	Title (Publisher)	Price
Arts & Leisure	CDT1001	Indoor Plants (CDTV Publishing)	\$32.00
	CDT1002	Garden Plants (CDTV Publishing)	32.00
	CDT1003	Trees and Plants (CDTV Publishing)	32.00
	CDT1004	Fruits and Veg (CDTV Publishing)	32.00
	CDT1005	Guinness CDTV Disc of Records (New Media)	32.00
Education	CDT1502	Advanced Military Systems (Dominion)	26.00
	CDT1503	Women in Motion (On Line)	32.00
	CDT1505	Animals in Motion (On Line)	23.00
	CDT2002	Mind Run (CDTV Pubs/CFI) (NTSC version)	26.00
	CDT2501	Barney Bear Goes to School (Free Spirit)	26.00
	CDT2502	Bun for Barney (MultiMedia)	32.00
	CDT2505	Fun School for Under 5's (Database Educational Software)	32.00
	CDT2508	NASA 25th Year (Tronka)	32.00
	CDT2511	The Paper Bag Princess (Discis)	22.00
	CDT2512	Thomas' Snowsuit (Discis)	32.00
	CDT2513	Peter Rabbit (Discis)	38.00
	CDT2514	Scary Poems for Rotten Kids (Discis)	38.00
	CDT2515	Mud Puddle (Discis)	32.00
	CDT2516	My Paint (Saddleback Graphics)	26.00
	CDT2517	Mind Run (CDTV Pubs/CFI) (PAL version)	26.00
Entertainment	CDT2520	Tale of Benjamin Bunny (Discis)	38.00
	CDT2521	Moving Gives me a Stomach Ache (Discis)	32.00
	CDT2522	Heather Hits a Home Run (Discis)	32.00
	CDT2523	Cinderella (Discis)	32.00
	CDT2524	Long Hard Day at the Ranch (Discis)	32.00
	CDT2542	Barney Bear Goes Camping (Free Spirit)	26.00
	CDT3001	Defender of the Crown (CDTV Publishing)	26.00
	CDT3502	Battlestorm (Titus)	26.00
	CDT3506	Classic Board Games (Merit)	32.00
	CDT3507	Condor - (NTSC Only) (Tiger)	32.00
	CDT3513	Hounds of the Baskervilles (On Line)	32.00
	CDT3517	Psycho Killer (On Line)	32.00
	CDT3518	Sim City (Infograme/Maxis)	32.00
	CDT3522	Wrath of the Demon (ReadySoft)	32.00
Music	CDT3531	Dinosaurs for Hire (Wright Enterprises)	14.00
	CDT3532	All Dogs go to Heaven (Merit)	32.00
	CDT3539	Lemmings (Psygnosis)	32.00
	CDT3540	Raffles (The Edge)	32.00
	CDT3541	Prehistoric (Titus)	32.00
Reference	CDT3542	Town With No Name (On Line)	32.00
	CDT3544	Team Yankee (Empire Software)	38.00
	CDT3546	Super Games Pak - 3 games (Odyssey)	26.00
	CDT4001	Music Maker (CDTV Publishing)	32.00
	CDT4502	Remix (MicroDeal)	32.00
	CDT7501	American Heritage Dictionary (Xiphias)	44.00
	CDT7502	Shakespeare (Animated Pixels)	32.00
	CDT7503	Bible (Animated Pixels)	32.00
	CDT7504	Time Table of Business (Xiphias)	38.00
	CDT7505	Time Table of Science (Xiphias)	38.00
	CDT7506	World Vista Atlas (Applied Optical Media)	50.00
	CDT7507	New Basics Electronic Cookbook (Xiphias)	38.00
	CDT7508	American Vista Atlas (Applied Optical Media)	50.00

\* Minimum order of 3 titles. Limit 2 copies of each title per year.

**FOR INTERNAL USE ONLY - NOT FOR RESALE.**

*For CDTV development, we recommend an A1011 external floppy and A2000 style keyboard (P/N 312716-02, \$39.00), and cable adaptor (P/N CDTVKBA, \$10.00).*



# TECHNICAL MATERIALS LIST

THE PRODUCTS ON THIS PRICE LIST ARE AVAILABLE ONLY TO MEMBERS OF  
COMMODORE'S COMMERCIAL AND CERTIFIED DEVELOPER SUPPORT PROGRAMS

## 2.0 REFERENCE

- NEW!** ✓ **Amiga ROM Kernel Reference Manual: Libraries, Third Edition, P/N: RKML20 \$38.95**  
(June 1992, Addison Wesley Publishing Co.) Completely revised and updated for Release 2. A tutorial and comprehensive reference on how to program the Amiga's system libraries including the multitasking Exec, and Intuition, the Amiga's graphical interface. Complete coverage of the new libraries in Release 2 including: gadtools, iffpars, als, keymap, utilities, workbench and commodities. Dozens of working example programs illustrating the techniques used to create Amiga application software. (933 pages)
- ✓ **Amiga ROM Kernel Reference Manual: Devices, Third Edition, P/N: RKMD20 \$28.95**  
(September 1991, Addison Wesley Publishing Co.) This revised edition provides detailed information about the Amiga's I/O subsystems. It has been updated for Release 2 (Kickstart V36 and up) of the Amiga operating system, however most of the material and example programs are also compatible with version 1.3. Includes tutorial-style chapters on the Amiga's audio, clipboard, console, gameport, input, keyboard, narrator, parallel, printer, SCSI, serial, timer and trackdisk devices, as well as sections on resources and IFF. (582 pages)
- ✓ **Amiga Hardware Reference Manual, Third Edition, P/N: HWREF02 \$28.95**  
(August 1991, Addison Wesley Publishing Co) This revised edition has been updated for Release 2 of the Amiga operating system and covers the newest Amiga computer systems including the A3000. The manual provides detailed information in chapters on coprocessor hardware, playfield hardware, sprite hardware, audio hardware, blitter hardware, system control hardware, and interface hardware, as well as extensive appendices which includes a special section on the Amiga's Enhanced Chip Set. (465 pages)
- ✓ **Amiga ROM Kernel Reference Manual: Includes and Autodocs, Third Edition, P/N: RKMIA20 \$38.95**  
(July 1991, Addison-Wesley Publishing Co.) This manual is the definitive source of information on the routines and data structures in the Amiga's operating system. This new edition has been updated to include the hundreds of new system functions and structures in Release 2. (1000+ pages)
- ✓ **Amiga User Interface Style Guide, P/N: RKMSG01 \$19.95**  
(May 1991, Addison Wesley Publishing Co.) This manual contains Commodore's application user interface design guidelines. A must for serious application developers.
- ✓ **The AmigaDOS Manual, Third Edition, P/N: DOS20 \$24.95**  
(July 1991, Bantam) Includes: the User's Manual, the Developer's Manual, the Technical Reference Manual. The Developer's Manual describes how to use AmigaDOS from within a program. (436 pages)
- ✓ **Addendum to Using the System Software, P/N: 368246-01 \$4.00**  
Compatible only with *Using the System Software* (PN:363313-04—check your part number before ordering). 82 replacement pages.
- ✓ **2.0 Native Developer Update, P/N: NATDEV20 \$20.00**  
The 2.0 Native Developer Update is a must-have for any Amiga programmer. This four-disk set contains the final 2.04 function Autodocs, final 2.04 C and assembler Amiga include files, linker libs (Amiga.lib, debug.lib, ddebug.lib), FD files, offsets, a great deal of 2.0 example code, and the "Software Toolkit II" disk full of the latest Amiga debugging tools.
- ✓ **CATS Developer CD Ver 1.0, P/N: CATSCD01 \$50.00 (future upgrades TBD)**  
**Free with purchase of CDTV player from CATS effective 12/9/91.**  
(January 1992, CATS) The first in a series of compact discs from CATS, Disc 1 contains developer tools, resource files and on-line documentation. Disc 1 provides a multitude of development resources in a convenient format. It can be used with a Commodore CDTV player, or with an Amiga system connected to a compatible CD-ROM drive.  
If booted from the Amiga or CDTV system the CD comes up in AmigaGuide, our on-line text browsing system, where you can see descriptions of the disc contents and read the very latest 2.0 Includes and Autodocs. The "hot buttons" contained in the text can take you to related information. Also included on the disc are the contents of all the 1991 Denver/Milan DevCon disks, the entire 2.04 release, a wide variety of sample IFF files designed for "stress-testing" your IFF code, and a sample motion video CDXL file for testing purposes.

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## 1.3 REFERENCE

- ✓ **Amiga ROM Kernel Reference Manual: Libraries & Devices**, P/N: RKMLD12    **\$32.95**  
(December 1989: Addison Wesley Publishing Co.) This essential reference tool for Amiga programmers gives an in-depth explanation of the powerful graphics, animation, text, math, and audio routines that make up the Amiga's ROM. The volume includes a tutorial and comprehensive reference to the Amiga's libraries and devices.
- ✓ **Amiga ROM Kernel Reference Manual: Includes & Autodocs**, P/N: RKMIA12    **\$31.95**  
(January 1989: Addison Wesley Publishing Co.) This edition pertains to version 1.3 of the Amiga operating system, and contains alphabetically organized autodoc function summaries, listings of the Amiga system include files and the IFF Interchange File Format specifications and listings.
- ✓ **Amiga Hardware Reference Manual**, P/N: HWREF01    **\$22.95**  
(October 1989: Addison Wesley Publishing Co.) This revised edition is a guide to hardware-level programming of the Amiga custom and peripheral chips.

## MISC. REFERENCE

- ✓ **Crossing Borders**    **\$75.00** (One copy free to commercial developers)  
(March 1992) This guide to exporting Amiga products is a must for developers entering new markets. The looseleaf binder features market profiles and localization techniques. Includes information on pricing, marketing, distributing and supporting your products outside your own country as well as a wealth of resources including lists of software distributors, trade shows, press, and export agencies.
- ✓ **Programmer's Guide to ARexx**, P/N: AREXX01    **\$20.00**  
(August 1991) Manual and disk set designed to allow you easy access to the power of ARexx. Includes information on how to make effective use of ARexx, how to conform to development standards and how to interface applications to the ARexx environment. (228 pages)
- ✓ **Janus 2.0 Developer Update**, P/N: AS230D    **\$15.00**
- ✓ **A500/A2000 Technical Reference Manual**, P/N: TECHREF01    **\$40.00**  
A 275-page reference manual that describes the technical features of the A500 and A2000, as well as those features that differ from the A1000. Table of contents includes: System Block Diagrams, Amiga Expansion, Designing Hardware for the Amiga Expansion Architecture, Driver Documentation, Software for Amiga Expansion, PC Bridgeboard and description of the PC/XT emulator for the Amiga 2000, BIOS Entry Points, Custom Chips, Miscellaneous Hardware Information, Clock/Calendar Registers, Power Budgets, A2000 PAL equations, and schematics.
- ✓ **Amiga 3000 System Schematics**, P/N: 314677-02    **\$35.00**  
(April 1990) Thirty-page manual containing Amiga 3000 specifications, parts lists and schematics. (Commercial Developer program discount coupon not valid for purchase of this book.)
- ✓ **A3000T Service Manual**, P/N: 400407-01-    **\$49.95**  
(July 1991) Includes 61 pages on the theory of operation of new chips on A3000 series. (Commercial Developer program discount coupon not valid for purchase of this book.) (91 pages)
- ✓ **A500 Plus Service Manual**, P/N: 400420-01    **\$12.00**  
(October 1991) The service manual for this enhanced version of the Amiga 500 includes sections on troubleshooting, parts, and 13 pages of schematics for the machine. Also includes A501 Plus RAM Expander. (Commercial Developer program discount coupon not valid for purchase of this book.)
- ✓ **Amiga 1000 Schematics and Expansion Specifications**, P/N: A1000SM    **\$20.00**  
(June 1986) Spiral-bound manual containing full Amiga 1000 schematics, timing diagrams, PAL equations, and documentation for the auto-configuration process.
- ✓ **PCMCIA PC Card Standard, Reference Book & Amiga Developer Guidelines**, P/N: PCMCIA    **\$45.00/set**  
Describe the Personal Computer Memory Card International Assoc. member companies' work toward a standard worldwide memory card for the PC industry. Guidelines describe issues pertaining to Amiga software on memory cards.

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## AMIGA MAIL

- ✓ **AmigaMail**, P/N: AMI01    **\$45.00 Annual Subscription**  
Our bi-monthly technical publication is free to all commercial and certified developers. Additional subscriptions are available at \$45 per year.
- ✓ **AmigaMail Volume 1**, P/N: AMVOL1    **\$75.00**  
Back issues of the technical newsletter on the Amiga from January/February 1987 to July/August '90. (Binder and index tabs sold separately.)
- ✓ **Individual AmigaMail back issues**, P/N: AMAILBI01    **\$10.00 each**
- ✓ **AmigaMail Binder**, P/N: AMAIL1B01 (Vol. 1), AMAIL2B02 (Vol. 2)    **\$10.00**
- ✓ **AmigaMail Indexes**, P/N: AMAILIND    **\$5.00**

## DEVCON NOTES AND DISKS

- ✓ **1991 Amiga Developers Conference Notes**, Part Number: NOTES91    **\$125.00**  
800+ page manual and four disks created for 1991 Amiga Developers Conference. Includes sections on New High-End Hardware, CDTV, 2.0 Compatibility Issues, Debugging Software, Localization, Networking, A3000 Coprocessor Slot, TIGA on the Amiga, DSP on the Amiga, Installer Utility, AppShell, AppBuilder and Amiga Guide. Disks include 2.0 code examples and debugging tools. Will be shipped with free DevCon backpack while supplies last. *You must have a signed non-disclosure form on file with CATS to purchase this item.*
- ✓ **1990 Amiga Developers Conference Notes**, P/N: NOTES90    **\$125.00**  
850-page manual and 2 disks covering the 1990 Amiga Developers Conference. Included are sections on Amiga OS 2.0, A3000 Local Bus Expansion Connector, Zorro III Bus Specification, A3000 Video Board Form Factor, Debugging Tools, GadTools, Programming SCSI, and Implementing ARexx.
- ✓ **1989 Amiga Developers Conference Notes**, P/N: NOTES89    **\$75.00**  
510-page manual and 2 disks created for 1989 Amiga Developers Conference. Subjects include: Intro to Programming the Amiga, Features Outline for V1.4, ECS Features and the Graphics Library, Janus Dual-Port Memory, Hi-Res Color Graphics Card, Interfacing to ARexx, Advanced Amiga Architectures, The IFF parse.library, and much more.
- ✓ **1988 Amiga Developers Conference Notes**, P/N: NOTES88    **\$75.00**  
400+ page manual and disks created for 1988 Amiga Developers Conference. Topics covered include: Unique Amiga Techniques, Tips and Tricks for Programming in C, IFF, Autoboot and Kickstart V1.3, V1.3 Printer Device and Printer Drivers, Amiga Audio and Sound, Overscan, Hi-Resolution Fonts, Programming for 16-Bit Amiga, A500 Expansion Cards, and much more.

## CDTV REFERENCE AND TOOLS

- ✓ **CDTV Reference Manual**    **\$35.00** (One copy free to commercial CDTV developers)  
(March 1992) The first edition of the CDTV Reference Manual. It covers topics such as user interface issues, localization, CDTV specifics, graphics, sound, creating CDTV applications, debugging and CDTV packaging. Specific articles include the CDTV device, CDXL, CD-DA sound, disc layout optimization and pre-mastering and mastering disks. (435 pages)
- ✓ **CDTV Service Manual**, P/N: 400403-01    **\$6.00**  
(May 1991) This manual contains specifications, parts (shipping assemblies, major assemblies and PCB components) and schematics (CDTV board 252605, Rev. A). (18 pages)
- ✓ **Xearch Lease Agreement**    **\$5000**  
Xearch is the text indexing and retrieval engine designed by Xiphias for use in CDTV applications. Xearch provides a means to index entire textual databases and create and manipulate hot-word links throughout the database. Call CATS for more information.

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- ✓ **2.0 Upgrade Kit, P/N: CDTKIT \$30.00** (Available only to CDTV developers)

This kit allows CDTV developers to upgrade their systems for testing under Release 2. It consists of a 2.04 Kickstart ROM, two EPROMs containing CDTV-specific parts of the operating system and installation instructions. Prepare now to be compatible with future versions of the CDTV player.

- ✓ **CTRAC Emulator Board for CDTV, P/N: CTRAC \$5000**

The CTRAC emulator board provides a complete emulation system for the CDTV developer. The system plugs into an A2500 or A3000 and, with a fast SCSI hard disk drive and the software included, emulates the performance of a CD-ROM disc.

- ✓ **CDTV keyboard cable adapter, P/N: CDTVKBA \$10.00**

If you're developing for CDTV, you will probably want to connect a keyboard to your CDTV unit. This adapter cable allows you to connect a standard A2000 or A3000 series keyboard to the CDTV unit.

## MISC. HARDWARE AND SOFTWARE



- ✓ **Toolmaker, P/N: TOOLM01 Introductory Price: \$69.00 (\$99.00 after 8/31/92)**

A user interface builder and source code generator based on the gadtools library introduced in Release 2.

- ✓ **A3000 Version 2.04 Kickstart ROM Chips, P/Ns: 390629-03 (Low) 390630-03 (High) \$30.00/set**

- ✓ **Original A3000 2.04 Kickstart ROM Chips, P/Ns: 390629-02 (Low) 390630-02 (High) \$30.00/set**

These are the original A3000 2.04 ROM chips which allow you to softkick other versions of Kickstart.

- ✓ **2.04 ROM Chip (For A500/A2000 series), P/N: 363968-01 \$15.00**

- ✓ **1MB Fat Agnus Chip, P/N: 318069-02 \$79.50**

- ✓ **ECS Denise Chip, P/N: 390433-01 \$44.20**

- ✓ **A3000 PAL/NTSC switch, P/N: PALSWITCH \$10.00**

Switch for the A3000 allows you to power up the system in PAL or NTSC video display modes. Switch is mounted on an expansion slot cover with an internal cable that attaches to an easily accessible jumper on the A3000 motherboard.

- ✓ **Three-Kickstart Tower, P/N: DKBTOWER \$40.00**

DKB Software's MultiStart II three-Kickstart board at a special developer price. Offers the convenience of switching between a primary and one alternate Kickstart from the Amiga keyboard. The MultiStart II can hold 1.2, 1.3 and 2.0 ROMs and is designed to be installed in an A500/A2000/A2500 so that software and hardware can be easily tested on one machine. (Note: Some A500 covers will not fit back on when tower is in place). Remember that if your machine contains an A2620 or A2630 card, you must also have up-to-date (Rev. 6 or 7) A2620/A2630 ROMs (P/N: 390282-07 and 390283-07, \$25.00/set) if you wish to run 2.04 in ROM. (2.04 ROMs sold separately P/N 363968-01 @ \$15.00 ea.)

- ✓ **High-density 3.5" internal Amiga floppy drive, P/N: A3000HDD \$110.00**

- ✓ **A3000 High Density Drive for Bridgeboard, P/N: A3000FLOPPY \$50.00**

These drives can only be used with 2286 AT Bridgeboard, and cannot be used as Amiga drives. They are designed to be installed inside an A3000 or A3000T (the drive itself comes with no bezel). These high density (1.44MB formatted) drives are new, unused engineering samples and come with no documentation and no warranty. (CATS will accept returns of defective drives within seven days after purchase.)

### Ordering Instructions

Prices listed include charges for shipping within the U.S. For orders shipped to Canada, add \$2.50 to the price of each item. Orders are not accepted from outside of North America. **Add local state sales tax for the following states:** Pennsylvania, Virginia, California, Tennessee, and Illinois. VA and PA orders are exempt if a copy of the Sales Tax Exemption form is sent to the accounting department.

All members may pay by Visa or MasterCard (fax 215/429-0643) or send check or money order payable to Commodore Business Machines to: Commodore Business Machines, CATS-Orders, 1200 Wilson Drive, West Chester, PA 19380.

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## 2.0 REFERENCE

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(June 1992, Addison Wesley Publishing Co.) Completely revised and updated for Release 2. A tutorial and comprehensive reference on how to program the Amiga's system libraries including the multitasking Exec, and Intuition, the Amiga's graphical interface. Complete coverage of the new libraries in Release 2 including: gadtools, iffpars, als, keymap, utilities, workbench and commodities. Dozens of working example programs illustrating the techniques used to create Amiga application software. (933 pages)
- ✓ **Amiga ROM Kernel Reference Manual: Devices, Third Edition, P/N: RKMD20 \$28.95**  
(September 1991, Addison Wesley Publishing Co.) This revised edition provides detailed information about the Amiga's I/O subsystems. It has been updated for Release 2 (Kickstart V36 and up) of the Amiga operating system, however most of the material and example programs are also compatible with version 1.3. Includes tutorial-style chapters on the Amiga's audio, clipboard, console, gameport, input, keyboard, narrator, parallel, printer, SCSI, serial, timer and trackdisk devices, as well as sections on resources and IFF. (582 pages)
- ✓ **Amiga Hardware Reference Manual, Third Edition, P/N: HWREF02 \$28.95**  
(August 1991, Addison Wesley Publishing Co.) This revised edition has been updated for Release 2 of the Amiga operating system and covers the newest Amiga computer systems including the A3000. The manual provides detailed information in chapters on coprocessor hardware, playfield hardware, sprite hardware, audio hardware, blitter hardware, system control hardware, and interface hardware, as well as extensive appendices which includes a special section on the Amiga's Enhanced Chip Set. (465 pages)
- ✓ **Amiga ROM Kernel Reference Manual: Includes and Autodocs, Third Edition, P/N: RKMIA20 \$38.95**  
(July 1991, Addison-Wesley Publishing Co.) This manual is the definitive source of information on the routines and data structures in the Amiga's operating system. This new edition has been updated to include the hundreds of new system functions and structures in Release 2. (1000+ pages)
- ✓ **Amiga User Interface Style Guide, P/N: RKMSG01 \$19.95**  
(May 1991, Addison Wesley Publishing Co.) This manual contains Commodore's application user interface design guidelines. A must for serious application developers.
- ✓ **The AmigaDOS Manual, Third Edition, P/N: DOS20 \$24.95**  
(July 1991, Bantam) Includes: the User's Manual, the Developer's Manual, the Technical Reference Manual. The Developer's Manual describes how to use AmigaDOS from within a program. (436 pages)
- ✓ **AmigaDOS V3.0 Native Developer Update, P/N: NATDEV30 \$20.00**  
The 3.0 Native Developer Update is a must-have for any Amiga programmer. This four-disk set contains the final 3.0 function Autodocs, final 3.0 C and assembler Amiga include files, linker libs (Amiga.lib, debug.lib, ddebug.lib), FD files, offsets, a great deal of 3.0 example code, and the "Software Toolkit III" disk full of the latest Amiga debugging tools.
- ✓ **CATS Developer CD Ver 2.0, P/N: CATSCD02 \$50.00 (upgrades \$25 with return of CATSCD01)**  
(January 1993) The second release of the CATS Developer CD provides you with over 65 megabytes of development resources on compact disc. This is a major upgrade from the previous release, containing 1.3, 2.0 and 2.1 release disks, 1.3, 2.0 and 2.1 Includes and Autodocs, the 3rd editions of the RKM Devices, Libraries and Hardware manuals, '88 thru '91 Developer conference disks, AmigaMail Vol. II technical articles (as of July/August '92), 2.0 Native Developer Update, IFF "Stress Test" files and more. The disc directories and text files are formatted to be viewed in AmigaGuide, our on-line text browsing system included on the CD. The CATS CD can be used with Commodore's CDTV or with an Amiga system connected to a compatible CD-ROM drive. Parnet, by The Software Distillery, is included to enable you to network between the CDTV and your host Amiga.



## MISC. REFERENCE

- ✓ **Crossing Borders \$75.00** (One copy free to commercial developers)  
(March 1992) This guide to exporting Amiga products is a must for developers entering new markets. The looseleaf binder features market profiles and localization techniques. Includes information on pricing, marketing, distributing and supporting your products outside your own country as well as a wealth of resources including lists of software distributors, trade shows, press, and export agencies.
- ✓ **Programmer's Guide to ARexx, P/N: AREXX01 \$20.00**  
(August 1991) Manual and disk set designed to allow you easy access to the power of ARexx. Includes information on how to make effective use of ARexx, how to conform to development standards and how to interface applications to the ARexx environment. (228 pages)
- ✓ **Janus 2.0 Developer Update, P/N: AS230D \$15.00**
- ✓ **Amiga 4000 User's Guide/Service Addendum, P/N: 400424-01 \$10.00**  
(December 1992) 140-page manual including Amiga 4000 user's guide, specifications, parts lists and schematics.\*
-  ✓ **Amiga 4000 Hardware Developer Notes, P/N: HW4000 \$10.00** (122 pages)
-  ✓ **Amiga 1200 User's Guide/Service Addendum, P/N: 400432-01 \$10.00**  
(January 1993) 85-page manual including Amiga 1200 user's guide, specifications, parts lists and schematics.\*
-  ✓ **Amiga 1200 Hardware Developer Notes, P/N: HW1200 \$6.00** (42 pages)
- ✓ **Amiga 3000 System Schematics, P/N: 314677-02 \$35.00**  
(April 1990) Thirty-page manual containing Amiga 3000 specifications, parts lists and schematics.\*
- ✓ **A3000T Service Manual, P/N: 400407-01 \$49.95**  
(July 1991) Includes 61 pages on the theory of operation of new chips on A3000 series. (91 pages)\*
- ✓ **A500/A2000 Technical Reference Manual, P/N: TECHREF01 \$40.00**  
A 275-page reference manual that describes the technical features of the A500 and A2000, as well as those features that differ from the A1000. Table of contents includes: System Block Diagrams, Amiga Expansion, Designing Hardware for the Amiga Expansion Architecture, Driver Documentation, Software for Amiga Expansion, PC Bridgeboard and description of the PC/XT emulator for the Amiga 2000, BIOS Entry Points, Custom Chips, Miscellaneous Hardware Information, Clock/Calendar Registers, Power Budgets, A2000 PAL equations, and schematics.
- ✓ **A500 Plus Service Manual, P/N: 400420-01 \$12.00**  
(October 1991) The service manual for this enhanced version of the Amiga 500 includes sections on troubleshooting, parts, and 13 pages of schematics for the machine. Also includes A501 Plus RAM Expander.\*
- ✓ **A600 Service Manual, P/N: 400422-02 \$15.00**  
(April 1992) Specifications, parts lists and schematics for the Amiga 600.\*

## AMIGA MAIL

- ✓ **AmigaMail, P/N: AMI01 \$45.00 Annual Subscription**  
Our bi-monthly technical publication is free to all commercial and certified developers. Additional subscriptions are available at \$45 per year.
- ✓ **AmigaMail Volume 1, P/N: AMVOL1 \$75.00**  
Back issues of the technical newsletter on the Amiga from January/February 1987 to July/August '90. (Binder and index tabs sold separately.)
- ✓ **Individual AmigaMail back issues, P/N: AMAILBI01 \$10.00 each**
- ✓ **AmigaMail Binder, P/N: AMAIL1B01 (Vol. 1), AMAIL2B02 (Vol. 2) \$10.00**
- ✓ **AmigaMail Indexes, P/N: AMAILIND \$5.00**

\* Commercial Developer program discount coupon not valid for purchase of this book.

(continued on next page)

## DEVCON NOTES AND DISKS




- ✓ **1993 Amiga Developers Conference Notes**, Part Number: NOTES93      **\$125.00**  
900+ page manual and four disks created for 1993 Amiga Developers Conference. Includes sections on Datatypes, Future UI Directions, Fuzzy Logic and Neural Nets, Japanese Localization, 3.0 Graphics and Intuition, Object Oriented Programming, SANA-II, Envoy, RTG, MPEG, CDTV Spooly, MediaDevices and AAA Hardware. Disks include 3.0 code examples and debugging tools. *You must have a signed non-disclosure form on file with CATS to purchase this item.*
- ✓ **1991 Amiga Developers Conference Notes**, Part Number: NOTES91      **\$125.00**  
800+ page manual and four disks created for 1991 Amiga Developers Conference. Includes sections on New High-End Hardware, CDTV, 2.0 Compatibility Issues, Debugging Software, Localization, Networking, A3000 Coprocessor Slot, TIGA on the Amiga, DSP on the Amiga, Installer Utility, AppShell, AppBuilder and Amiga Guide. Disks include 2.0 code examples and debugging tools. *You must have a signed non-disclosure form on file with CATS to purchase this item.*
- ✓ **1990 Amiga Developers Conference Notes**, P/N: NOTES90      **\$125.00**  
850-page manual and 2 disks covering the 1990 Amiga Developers Conference. Included are sections on Amiga OS 2.0, A3000 Local Bus Expansion Connector, Zorro III Bus Specification, A3000 Video Board Form Factor, Debugging Tools, GadTools, Programming SCSI, and Implementing ARexx.
- ✓ **1989 Amiga Developers Conference Notes**, P/N: NOTES89      **\$75.00**  
510-page manual and 2 disks created for 1989 Amiga Developers Conference. Subjects include: Intro to Programming the Amiga, Features Outline for V1.4, ECS Features and the Graphics Library, Janus Dual-Port Memory, Hi-Res Color Graphics Card, Interfacing to ARexx, Advanced Amiga Architectures, The IFF parse.library, and much more.
- ✓ **1988 Amiga Developers Conference Notes**, P/N: NOTES88      **\$75.00**  
400+ page manual and disks created for 1988 Amiga Developers Conference. Topics covered include: Unique Amiga Techniques, Tips and Tricks for Programming in C, IFF, Autoboot and Kickstart V1.3, V1.3 Printer Device and Printer Drivers, Amiga Audio and Sound, Overscan, Hi-Resolution Fonts, Programming for 16-Bit Amiga, A500 Expansion Cards, and much more.

## CDTV REFERENCE AND TOOLS

- ✓ **CDTV Reference Manual**      **\$35.00** (One copy free to commercial CDTV developers)  
(March 1992) The first edition of the CDTV Reference Manual. It covers topics such as user interface issues, localization, CDTV specifics, graphics, sound, creating CDTV applications, debugging and CDTV packaging. Specific articles include the CDTV device, CDXL, CD-DA sound, disc layout optimization and pre-mastering and mastering disks. (435 pages)
- ✓ **CDTV Service Manual**, P/N: 400403-01      **\$6.00**  
(May 1991) This manual contains specifications, parts (shipping assemblies, major assemblies and PCB components) and schematics (CDTV board 252605, Rev. A). (18 pages) \*
- ✓ **Xearch Lease Agreement**      **\$5000**  
Xearch is the text indexing and retrieval engine designed by Xiphias for use in CDTV applications. Xearch provides a means to index entire textual databases and create and manipulate hot-word links throughout the database. Call CATS for more information.
- ✓ **2.0 Upgrade Kit**, P/N: CDTKIT      **\$30.00** (Available only to CDTV developers)  
This kit allows CDTV developers to upgrade their systems for testing under Release 2. It consists of a 2.04 Kickstart ROM, two EPROMs containing CDTV-specific parts of the operating system and installation instructions. Prepare now to be compatible with future versions of the CDTV player.
- ✓ **CTRAC Emulator Board for CDTV**, P/N: CTRAC      **\$5000**  
The CTRAC emulator board provides a complete emulation system for the CDTV developer. The system plugs into an A2500 or A3000 and, with a fast SCSI hard disk drive and the software included, emulates the performance of a CD-ROM disc.
- ✓ **CDTV keyboard cable adapter**, P/N: CDTVKBA      **\$10.00**  
If you're developing for CDTV, you will probably want to connect a keyboard to your CDTV unit. This adapter cable allows you to connect a standard A2000 or A3000 series keyboard to the CDTV unit.

\* Commercial Developer program discount coupon not valid for purchase of this book.

## MISC. HARDWARE AND SOFTWARE

- ✓ **Toolmaker, P/N: TOOLM01 \$99.00**  
A user interface builder and source code generator based on the gadtools library introduced in Release 2.
- ✓ **A3000 Version 2.04 Kickstart ROM Chips, P/Ns: 390629-03 (Low) 390630-03 (High) \$30.00/set**
- ✓ **Original A3000 2.04 Kickstart ROM Chips, P/Ns: 390629-02 (Low) 390630-02 (High) \$30.00/set**  
These are the original A3000 2.04 ROM chips which allow you to softkick other versions of Kickstart.
- ✓ **2.04 ROM Chlp (For A500/A2000 series), P/N: 363968-01 \$15.00**
- ✓ **1MB Fat Agnus Chlp, P/N: 318069-02 \$79.50**
- ✓ **ECS Denise Chlp, P/N: 390433-02 \$44.20**
- ✓ **IC ROM Ver. 7.0 for 2091, P/N: 390722-04 (odd) 390721-04 (even) \$25.00/set**
- ✓ **A3000 PAL/NTSC switch, P/N: PALSWITCH \$10.00**  
Switch for the A3000 allows you to power up the system in PAL or NTSC video display modes. Switch is mounted on an expansion slot cover with an internal cable that attaches to an easily accessible jumper on the A3000 motherboard.
- ✓ **Three-Kickstart Tower, P/N: DKBTOWER \$40.00**  
DKB Software's MultiStart II three-Kickstart board at a special developer price. Offers the convenience of switching between a primary and one alternate Kickstart from the Amiga keyboard. The MultiStart II can hold 1.2, 1.3 and 2.0 ROMs and is designed to be installed in an A500/A2000/A2500 so that software and hardware can be easily tested on one machine. (Note: Some A500 covers will not fit back on when tower is in place.) Remember that if your machine contains an A2620 or A2630 card, you must also have up-to-date (Rev. 6 or 7) A2620/A2630 ROMs (P/N: 390282-07 and 390283-07, \$25.00/set) if you wish to run 2.04 in ROM. (2.04 ROMs sold separately P/N 363968-01 @ \$15.00 ea.)
- ✓ **High-density 3.5" Internal Amiga floppy drive, P/N: A3000HDD \$110.00**
- ✓ **A3000 High Density Drive for Bridgeboard, P/N: A3000FLOPPY \$50.00**  
These drives can only be used with 2286 AT Bridgeboard, and cannot be used as Amiga drives. They are designed to be installed inside an A3000 or A3000T (the drive itself comes with no bezel). These high density (1.44MB formatted) drives are new, unused engineering samples and come with no documentation and no warranty. (CATS will accept returns of defective drives within seven days after purchase.)
-  ✓ **Philips Desktop CD Recorder, P/N: CDD521/10 \$5500.00**  
The CD-R 521/10 is the ideal means to publish large amounts of information in low quantity editions of CD. The CDD 521 can write in every standardized CD format including CD-ROM (XA), Photo CD, CD-I and CD-Audio. The multi-volume recording feature provides up to 99 download events, with one CD-ROM (XA) like information-set per event. This is all according to the Orange Book specifications, which defines the standards for recordable CDs.

## NOVELTY ITEMS

- ✓ **1993 DevCon T-Shirt, P/N: T93 \$7.00**  
"Citrus" orange, 50/50 T-Shirt featuring the Orlando DevCon logo. Specify size: S M L XL
- ✓ **1993 DevCon Key Chain, P/N: KEY93 \$3.50**
- ✓ **Commodore-Amiga Squeeze Bottle, P/N: SQUEEZE93 \$4.50**

### Ordering Instructions

Prices listed include charges for shipping within the U.S. For orders shipped to Canada, add \$2.50 to the price of each item. Orders are not accepted from outside of North America. Add local state sales tax for the following states: Pennsylvania, Virginia, California, Tennessee, and Illinois. VA and PA orders are exempt if a copy of the Sales Tax Exemption form is sent to the accounting department. All members may pay by Visa or MasterCard (fax 215/429-0643) or send check or money order payable to Commodore Business Machines to: Commodore Business Machines, CATS-Orders, 1200 Wilson Drive, West Chester, PA 19380.



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# Commodore Applications and Technical Support TECHNICAL MATERIALS LIST

THE PRODUCTS ON THIS PRICE LIST ARE AVAILABLE ONLY TO MEMBERS OF  
COMMODORE'S COMMERCIAL AND CERTIFIED DEVELOPER SUPPORT PROGRAMS

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## 3.1 REFERENCE

### 3.1 Amiga Native Developer Update Disk Set, P/N: AMDEV3.1 \$25.00

This new 5-disk must-have set includes:

Docs - V40.15 Autodocs, and articles/notes about V38/V39/V40  
Includes & Libs - V40.15C and assembler include files and linker libs  
Examples1 - General library examples including Locale, plus PCMCIA  
Examples2 - IFF modules and examples, Datatypes, AmigaGuide  
SWToolkit3 - The latest Amiga debugging tools

Also included is a new SetPatch for V37 which adds better ExAll emulation, and the current (as of 15-Dec-93) V40 SetPatch for V38 and higher systems. Note that the 40.15 exec.doc autodoc has been updated to have the correct prototype for CheckIO. The 3.1 Amiga Developer Update materials can be used when developing for any Amiga OS version since they include the earlier structures and function autodocs. A new Readme called Using\_Amiga\_Includes provides some tips on developing for earlier releases.

## 2.0 REFERENCE

### *Amiga ROM Kernel Reference Manual: Libraries*, Third Edition, P/N: RKML20 \$38.95

(June 1992, Addison Wesley Publishing Co.) Completely revised and updated for Release 2. A tutorial and comprehensive reference on how to program the Amiga's system libraries including the multitasking Exec, Intuition, graphics, text, keymap, utilities, Workbench and commodities. Dozens of working example programs illustrating the techniques used to create Amiga application software. (933 pages)

### *Amiga ROM Kernel Reference Manual: Devices*, Third Edition, P/N: RKMD20 \$28.95

(September 1991, Addison Wesley Publishing Co.) This revised companion to the *Libraries* manual provides detailed information about all the Amiga's I/O subsystems. Updated for Release 2, it includes tutorial-style chapters on the Amiga's audio, clipboard, console, gameport, input, keyboard, narrator, parallel, printer, SCSI, serial, timer and trackdisk devices, as well as sections on resources and a complete specification of the IFF file format. (582 pages)

### *Amiga ROM Kernel Reference Manual: Includes & Autodocs*, Third Edition, P/N: RKMIA20 \$38.95

(July 1991, Addison Wesley Publishing Co.) For the experienced Amiga programmer, this is the definitive source of information on all the routines and data structures in the Amiga's operating system. Covers hundreds of new system functions and structures in Release 2 and includes a system cross reference. (1000+ pages)

### *Amiga Hardware Reference Manual*, Third Edition, P/N: HWREF02 \$28.95

(August 1991, Addison Wesley Publishing Co.) This volume focuses on the powerful custom hardware underlying the Amiga computer's sophisticated design. Includes chapters on the graphics coprocessor chip, playfields and displays, sprites, audio, the custom blitter, overall system control and interface hardware plus extensive appendices covering the Amiga's Enhanced Chip Set and Zorro III bus architecture. (465 pages)

### *Amiga User Interface Style Guide*, P/N: RKMSG01 \$19.95

(May 1991, Addison Wesley Publishing Co.) Commodore's application user interface design guidelines. A must for serious application developers. Includes vital information on window, gadget and menu design, plus chapters on ARexx, data sharing, keyboard and Workbench. (206 pages)

### *AmigaDOS Manual*, Third Edition, P/N: DOS20 \$24.95

(July 1991, Bantam) The authoritative reference on the Amiga's disk operating system covers DOS commands and scripting, programming DOS functions, reading and writing files and all the details on disk physical layout, load file formats and creating custom file systems. (436 pages)

**AmigaDOS V2.0 Native Developer Update, P/N: NATDEV20 \$20.00**

The 2.0 Native Developer Update is a must-have for any Amiga programmer. This four-disk set contains the final 2.0 function Autodocs, final 2.0 C and assembler Amiga include files, linker libs (Amiga.lib, debug.lib, ddebug.lib) FD files, offsets, a great deal of 2.0 example code, and the "Software Toolkit II" disk full of the latest Amiga debugging tools. (This disk set has been replaced by the new V3.1 Amiga Developer Update but is still very useful for its 2.0 example code.)

**CATS Developer CD Ver. 2.0, P/N: CATSCD02 \$50.00 (upgrades \$25 with return of CATSCD01)**

(January 1993) The second release of the CATS Developer CD provides you with over 65 megabytes of development resources on compact disc. This is a major upgrade from the previous release, containing 1.3, 2.0 and 2.1 release disks, 1.3, 2.0 and 2.1 Includes and Autodocs files, the 3rd editions of the RKRM *Libraries, Devices* and *Hardware* manuals, '88 thru '91 Developer Conference disks, *AmigaMail* Vol. II technical articles (to July/August '92), the complete 2.0 Native Developer Update, IFF Stress Test files and more. The disc directories and text files are formatted to be viewed in *AmigaGuide*, our on-line text browsing system included on the CD. The CATS CD can be used with Commodore's CDTV or with an Amiga system connected to a compatible CD-ROM drive. Parnet, by The Software Distillery, is included to enable you to network between the CDTV and your host Amiga.

## **OTHER REFERENCES**

**Amiga 4000 Hardware Developer Notes, P/N: HW4000 \$10.00**

(May 1993) For product developers who want to create add-on hardware for the Amiga 4000, this document provides crucial details about Zorro III bus architecture, the 200-pin coprocessor slot, the video expansion slot, form factors, signal descriptions, power budgets, timing diagrams and more. Also covers the Amiga 3000. (122 pages)

**Amiga 1200 Hardware Developer Notes, P/N: HW1200 \$6.00**

(May 1993) All about the expansion slot of the A1200 for hardware product developers. Covers the 150-pin expansion slot, PCM-CIA software interface, signal descriptions, form factors and more. (41 pages)

**A500/A2000 Technical Reference Manual, P/N: TECHREF01 \$40.00**

A 275-page reference manual that describes the technical features of the A500 and A2000, as well as those features that differ from the A1000. Highlights include system block diagrams, Amiga expansion architecture, designing hardware for the Amiga expansion slot, driver documentation, power budgets, Zorro II Autoconfig PAL equations, original PC bridgeboard specification and description of the PC/XT emulator for the Amiga 2000.

**Crossing Borders P/N's: CBVOL01 & CBBINDER \$75.00 (one copy free to Commercial developers)**

(March 1992) This guide to exporting Amiga products is a must for developers entering new markets. The looseleaf binder features market profiles and localization techniques, information on pricing, marketing, distribution and supporting products outside your own country plus lists of software distributors, trade shows, press and export agencies.

**Programmer's Guide to ARexx, P/N's: AREXX01 & AREXX01D \$20.00**

(August 1991) Manual and disk set designed to allow you easy access to the power of ARexx. Learn how to provide a standard procedural interface to the internal functions of your application software. Includes information on how to make effective use of ARexx, how to conform to development standards and how to interface applications to the ARexx environment. (228 pages)

**Janus 2.0 Developer Update, P/N: AS230D \$15.00**

## **AMIGA MAIL**

**AmigaMail, Volume I Complete, P/N: AMVOL1 \$75.00**

Back issues of the technical newsletter of the Amiga from January/February '87 thru July/August '90. (Binder and index tabs sold separately.)

**AmigaMail, Volume II Back Issues, P/N: AMAILBI01**

Backs issues of the technical newsletter of the Amiga from September/October '90 thru May/June '93. (Single issue, \$10.00. Complete vol. II, 17 issues, \$75.00. Binder and index tabs sold separately.)

**AmigaMail Binder, P/N: AMAIL1B01 (Vol. I) and AMAIL2B02 (Vol. II) \$10.00 each**

**AmigaMail Indexes (used for both Vol. I and Vol. II), P/N: AMAILIND \$5.00 each**



## DEVCON NOTES AND DISKS

### 1993 Amiga Developers Conference Notes, P/N's: NOTES93 & NOTES93D \$125.00

800+ page manual and 4 disks created for 1993 Amiga Developers Conference. Includes sections on Datatypes, Future UI Directions, Fuzzy Logic and Neural Nets, Japanese Localization, 3.0 Graphics and Intuition, Object Oriented Programming, SANA-II, Envoy, RTG, MPEG, CDTV Spooly, MediaDevices and AAA Hardware. Disks include 3.0 code examples and debugging tools. You must have a signed non-disclosure form on file with CATS to purchase this item.

### 1991 Amiga Developers Conference Notes, P/N's: NOTES91 & NOTES91D \$125.00

800+ page manual and four disks created for 1991 Amiga Developers Conference. Includes sections on New High-End Hardware, CDTV, 2.0 Compatibility Issues, Debugging Software, Localization, Networking, A3000 Coprocessor Slot, TIGA, DSP on the Amiga, Installer Utility, AppShell, AppBuilder and Amiga Guide. Disks include 2.0 code examples and debugging tools. You must have a signed non-disclosure form on file with CATS to purchase this item.

### 1990 Amiga Developers Conference Notes, P/N's: NOTES90 & NOTES90D \$125.00

850-page manual and 2 disks covering the 1990 Amiga Developers Conference. Included are sections on Amiga OS 2.0, A3000 Local Bus Expansion Connector, Zorro III Bus Specification, A3000 Video Board Form Factor, Debugging Tools, GadTools, Programming SCSI and Implementing ARexx.

### 1989 Amiga Developers Conference Notes, P/N's: NOTES89 & NOTES89D \$75.00

510-page manual and 2 disks created for 1989 Amiga Developers Conference. Subjects include Intro to Programming the Amiga, Features Outline for V1.4, ECS Features and the Graphics Library, Janus Dual-Port Memory, Hi-Res Color Graphics Card, Interfacing to ARexx, Advanced Amiga Architectures, the IFF parse.library and much more.

### 1988 Amiga Developers Conference Notes, P/N's: NOTES88 & NOTES88D \$75.00

400+ page manual and 4 disks created for 1988 Amiga Developers Conference. Topics covered include Unique Amiga Techniques, Tips and Tricks for Programming in C, IFF, Autoboot and Kickstart V1.3, V1.3 Printer Device and Printer Drivers, Amiga Audio and Sound, Overscan, Hi-Resolution Fonts, Programming for 16-Bit Amiga, A500 Expansion Cards and much more.

## CD PRODUCT REFERENCE AND TOOLS

### *Amiga CD<sup>32</sup> Developer Notes*, P/N: CD32NOTES \$10.00 (Manual only)

Crucial information for developers working on CD-based titles for the Amiga CD<sup>32</sup> game machine. Contents include product overview, how to use the new system modules that drive the CD<sup>32</sup> platform, tips on producing compact discs, packaging guidelines, programming examples plus include file listings and Autodoc function descriptions for all the new ROM routines and system data structures.

### *CDTV Reference Manual*, P/N's: CDTVOL1 & CDTBINDER \$35.00 (March 1992)

The best source for technical information on the CDTV platform, this reference manual covers topics such as user interface issues, localization, CDTV disc and audio I/O, debugging and CDTV packaging. (435 pages)

### CDTV Keyboard Cable Adapter, P/N: CDTVKBA \$10.00

If you're developing for CDTV, you will probably want to connect a keyboard to your CDTV unit. This adapter cable allows you to connect a standard A2000 or A3000 series keyboard to CDTV.

### BuildCD & C Copy, Version 1.30, P/N: BUILDCD \$500.00

The BuildCD software allows you to cut "gold discs" from CD-ROM data files such as ISO-9660 image files, MPEG tracks, and CD Audio tracks. You will need an Amiga with fast SCSI controller and fast SCSI hard disk with lots of storage space, software to create an ISO image, a Phillips CDD 521 CD-ROM writer and blank gold discs. (Commodore supplies the software to create ISO image files to registered developers who have signed the Amiga CD<sup>32</sup> license agreement.)

## MISCELLANEOUS HARDWARE AND SOFTWARE

### 2.04 ROM Chip (For A500/A2000 series), P/N: 363968-01 \$15.00



**A3000 PAL/NTSC Switch, P/N: PALSWITCH \$10.00**

Switch for the A3000 allows you to power up the system in PAL or NTSC video display modes. Switch is mounted on an expansion slot cover with an internal cable that attaches to an easily accessible jumper on the A3000 motherboard.

**Toolmaker, P/N: TOOLM01 \$99.00**

A user interface builder and source code generator based on the gadtools library introduced in Release 2. Toolmaker allows you to design a user interface graphically without writing a line of code. You specify the gadgets, menus and other user interface elements you want and Toolmaker writes the program. Disk and manual.

**Three-Kickstart Tower, P/N: DKBTOWER \$40.00**

DKB Software's MultiStart II three-Kickstart board at a special developer price. Offers the convenience of switching between a primary and one alternate Kickstart from the Amiga keyboard. The MultiStart II can hold 1.2, 1.3 and 2.0 ROMs and is designed to be installed in an A500/A2000/A2500 so that software and hardware can be easily tested on one machine. (Note: Some A500 covers will not fit back on when tower is in place.) Remember that if your machine contains an A2620 or A2630 card, you must also have up-to-date (Rev. 6 or 7) A2620/A2630 ROMs (PN: 390282-07 and 390283-07 available from SMG) if you wish to run 2.04 in ROM. (2.04 ROMs sold separately P/N 363968-01 @ \$15.00.)

**A3000 High-density 3.5" Internal Amiga floppy drive, P/N: A3000HDD \$110.00**

**A3000 High-Density Drive for Bridgeboard, P/N: A3000FLOPPY \$50.00**

These drives can only be used with 2286 AT Bridgeboard and cannot be used as Amiga drives. They are designed to be installed inside an A3000 or A3000T (the drive itself comes with no bezel). These high density (1.44MB formatted) drives are new, unused engineering samples and come with no documentation and no warranty. (CATS will accept returns of defective drives within seven days after purchase.)

### **NOVELTY ITEMS**

**1993 DevCon T-Shirt, P/N: T93 \$7.00**

Citrus orange, 50/50 T-Shirt featuring the Orlando DevCon logo. Specify size: S M or L

**Commodore-Amiga Squeeze Bottle, P/N: SQUEEZE93 \$4.50**

\*Check for availability before ordering

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### **ORDERING INSTRUCTIONS**

**Prices listed do not include shipping and handling. Add \$2.50 to the price of each item for shipping and handling charges.** Orders are not accepted from outside of North America. Add local sales tax for the following states: Pennsylvania, Virginia, California and Tennessee. VA and PA orders are exempt if a copy of the Sales Tax Exemption form is sent to the Accounting Department.

Payment method is check or money order (international money order for Canada) (US funds only - no foreign checks accepted) payable to Commodore Business Machines. Send payment to Commodore Business Machines, CATS-Orders, 1200 Wilson Drive, West Chester, PA 19380.

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### **SPARE PARTS**

Effective immediately, CATS will no longer be selling spare parts (chips, ROMs, service manuals, motherboards, etc.) Service Management Group, Inc. (SMG) has been contracted to provide all post-sales support. To order any spare parts, please contact SMG at 1-800-874-4799 (when ordering parts, please give SMG your developer number).

SMG is only authorized to sell in the United States. Canadian developers may purchase spare parts from Canada. European developers may purchase spare parts from Commodore sales offices in their respective country or from Hirsch & Wolf. Hirsch & Wolf's phone number is 49-2631-83990 and FAX number is 49-2631-839931.

# Commodore Applications and Technical Support

## PRODUCT PRICE LIST

### FOR COMMERCIAL DEVELOPERS

Effective February 14, 1994 - CONFIDENTIAL

COMPUTERS		RAM (MB)	CPU	Speed (MHz)	Additional Information	Price
	Product					
	*A1200	2	68EC020	14	Incl. PCMCIA slot, built-in RF modulator	367.00
	*A4000-040	2+4	68040	25	No Hard Drive	2089.00
	*A4000T	2+4	68040	25	No Hard Drive	2576.00
	CD32P	2	68EC020	14	Game console w/32-bit bus & CD-ROM drive	400.00
PERIPHERALS						
	1084S	RGB analog and composite monitor (13") with built-in stereo speakers				252.00
	*1942	Color multiscan monitor (14")				352.00
	A3010	A3000 series internal 3.5" disk drive				80.00
	A2060	Arcnet network interface adapter (without software)				150.00
	A2300	Amiga genlock board				111.00
	A2410	T/340-10 high-resolution graphics card				649.00
	A601	1 MB RAM expansion board and clock/calendar for A600				78.00
CD32 Accessories & Software						
	MPEGBOARD	Full Motion Video Module				250.00
	DEBUGBOARD	Provides floppy, serial, parallel and RGB ports				200.00
	370175-01	Insight:Technology (NTSC/PAL)				25.00
	370176-01	Defender of the Crown II (NTSC/PAL)				20.00
	370177-01	Football I(NTSC/PAL)				23.00
	396400-01	Guinness II (PAL)				28.00
	396401-01	Grolier II (NTSC/PAL)				100.00
CDTV Accessories						
	CD1200	Trackball controller has dual joystick connector; operates either by infrared remote control or by the plug-in cable provided.				75.00
	CD1300	Video Genlock Card; controlled by CDTV standard remote				125.00
	CD1401	Personal Memory Card (64K)				75.00
SOFTWARE						
	AS251	AmigaVision Professional authoring system				149.00
	AS260	Amiga Clips, Vol. I: Sound effects				19.00

\* Check for availability before ordering

#### Notes

1. All Amiga computers come with keyboard, mouse and 3.5" disk drive except for CD32P and CDTV. Monitor and hard disk not included.
2. Products are sold to registered developers directly from Commodore for research and development purposes and not for resale.
3. All Commercial Developers registered with Commodore can purchase any of the products on the price list, however product development support is offered only to Commercial Developers who have submitted product plans.
4. CommodoreExpress(TM) is not available for equipment purchased through developer programs.
5. Discount coupons on technical materials are NOT redeemable against products on the Product Price List.
6. Limit 3 of each product per year, unless cleared through CATS administration.

#### Ordering Instructions

Prices listed above do not include shipping and handling charges. Add 1% to total bill for shipping (via ground transportation) and handling. The minimum charge for shipping and handling is \$10.00. for the U. S. and \$15.00 for Canada. All orders must be accompanied by check or money order (US funds only - no foreign checks) for the full amount. Make checks payable to Commodore Business Machines. Add local sales tax for the following states: California, Tennessee, Virginia and Pennsylvania (Virginia and Pennsylvania orders are exempt if a copy of the Sales Tax Exemption Form is sent to the Accounting Department). Include your developer number on the check and on your order. Also include a shipping address and daytime telephone number. If you have any questions about your order, call CATS at (215) 431-9180. Mail orders to: CATS-Orders, 1200 Wilson Drive, West Chester, PA 19380. Products available for shipping only in the continental U. S. and Canada. This price list applies only to registered Commercial developers. Prices are subject to change without notice.

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# DIRECTORY

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Commodore  
Applications  
and  
Technical  
Support

1200 Wilson Drive  
West Chester, PA 19380

Commodore (215) 431-9100  
CATS FAX - (215) 429-0643

Email <user>@commodore.com  
or rutgers!cbmvax!user

## Name/Email

John Campbell/campbell  
Director, CATS (215) 431-9184  
BIX: j\_campbell

### Commodore Applications

Larry Feldman/larry (215) 431-9146  
Supervisor, Applications Development  
BIX: lfeldman

### Publications

Dan Baker/dan (215) 431-9462

Technical Support (215) 431-9300

Carolyn Scheppler/carolyn  
Technical Support Manager  
BIX: scheppler

Michael Colligon/mikec (215) 431-9149  
Product Assurance Manager

John Schilling/jss@cbmvax.UUCP (215) 431-9278  
Technical Support Coordinator

### Administration

Emma Jean Mungin/ej (215) 431-9447  
Orders, Developer Status, License renewals  
BIX: cats.admin

CATS - Orders (Equipment & Cats Materials)  
(215) 431-9180

Spare Parts & Manuals (US only) - 1-800-874-4799

### Standards

Christian Ludwig/chrisl (215) 431-9316  
IFF/Multimedia Standards  
BIX: cludwig

Commercial developers receive direct phone support at 215-431-9300 and electronic support and updates in our closed "amiga.com" conference on BIX. For information about BIX, call 800-695-4775 (in Mass. and outside the U.S., call 617-491-5410). Once on BIX, join amiga.dev/instructions for information on joining our closed commercial conference "amiga.com"



# DIRECTORY

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## Commodore Applications and Technical Support

1200 Wilson Drive  
West Chester, PA 19380

Commodore (215) 431-9100  
FAX (215) 431-9156  
CATS FAX (215) 429-0643

Email [user@cbmvax.commodore.com](mailto:user@cbmvax.commodore.com)  
or Usenet([uunet,rutgers](mailto:uunet,rutgers))[lcbmvaxluser](mailto:lcbmvaxluser)

Name/Email	Phone
John Campbell/campbell	(215) 431-9184
Director, CATS	

Beth Benson/beth	(215) 344-3028
------------------	----------------

### Commodore Applications

#### Specialists:

Larry Feldman/larry	(215) 431-9480
Cathy Godfrey/cathy	(215) 431-9462
Karl Herrmann/karl	(215) 431-9331
John Kominetz/kominetz	(215) 344-3027

### CDTV

Gail Wellington/gail	(215) 431-9204
Ben Phister/phister	(215) 344-3067

### Administration

Emma Jean Mungin/ej	(215) 431-9447
Workbench Licenses	

Sherrie Rubincan/sherrie	(215) 431-9180
Orders, Developer Status, Subscriptions	
BIX cats.admin	

### Business Services

Lauren Brown/lauren	(215) 431-9147
Evangelism, <i>Crossing Borders</i>	

Susan West/sue	(215) 431-9446
<i>AmigaMail Market</i> , Trade Shows, Dealer/ Developer Mailings, User Group Lists	

### Publications

Dan Baker/dan	(215) 431-9335
Technical Editor	
BIX dbaker	

John Orr /johno	(215) 431-9423
Editor, <i>AmigaMail</i>	

Mark Ricci/ricci	(215) 431-9422
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Jerry Hartzler/hartzler	(215) 431-9421
Developer CD	

### Standards

Christian Ludwig/chrisl	(215) 431-9316
IFF/Multimedia Standards	
BIX cludwig	

### Technical Support (215) 431-9300

Carolyn Scheppner/carolyn	
Technical Support Manager	
BIX cscheppner	

Adam Levin-Delson/adam	(215) 431-9392
Graphics, CDTV	
BIX aklevin	

David Miller/davidm	(215) 431-9425
Unix	
BIX david.miller	

John Wiederhirn/johnw	(215) 431-9426
AppShell, GadTools, ARexx	
BIX jwiede	

February 9, 1994

Dear Developer:

With 1993 behind us, Commodore has started the new year by officially launching the Amiga CD<sup>32</sup> in the United States at the Consumer Electronics show in Las Vegas. Interest was very strong on the show floor with favorable reaction from the press, retailers and developers alike. As a result of our efforts at CES, we expect to have units on the shelf in the US market by the end of March 1994 starting with electronics specialty stores and expanding throughout the year to other channels. With a good price point (\$399 suggested list price), quality software titles (over 40 NTSC titles now, 100 expected by the end of March), technical sizzle (full motion video support available) and the new distribution channels, Commodore is well-positioned to battle successfully in the video game and home computer markets.

Amiga CD<sup>32</sup> units for developers, previously in short supply, are again available for purchase through the CATS Developer Support Program in 1994. For now, the Amiga CD<sup>32</sup> console (\$400), debug boards (\$200) and MPEG cards (\$250) are not available at a reduced price. Once these products become available in the retail channel, the developer price will be reduced. Please order these products through E.J. Mungin as you would with any other CATS purchase (payment by check or money order).

We have also made *AmigaVision Professional*, our multimedia authoring system, available once again through the Developer Support Program. This product sells for the special developer price of \$149. Additionally, we are continuing to improve the product so we would like your input. A beta version of the product that supports Amiga CD<sup>32</sup> features is available to Amiga CD<sup>32</sup> licensees via BIX in [amiga.cd32/listings](mailto:amiga.cd32@listings).

In response to developer requests, we have included in this mailing a list of MPEG encoding houses to assist you with your encoding needs. We have also included contacts for licensing high quality music for your projects.

I also want to take this opportunity to mention that the area code for West Chester, Pennsylvania is in the process of changing over from 215 to 610. Throughout 1994 both area codes will work as 610 gets "phased in". As of 1995 only 610 will be active for the West Chester area.

Finally, I urge every developer with a current product to update their listing in the *Amazing Computing Guide to the Commodore Amiga*. This is the premier product catalogue that end-users and developers refer to when trying to decide what software and peripherals to purchase. It is in everyone's best interest to keep this catalogue up to date. A copy of the form to fill out is enclosed for your convenience. Please return the form to Amazing Computing at the address listed on the form.

**Best wishes for 1994 from all the people supporting you in CATS.**

**John Campbell**  
Director, Commodore Applications and Technical Support

attachments: Directory  
Technical Materials List  
Product Price List  
Amazing Computing Vendor/Product Registration Form  
MPEG Encoding Houses and music contacts



**Season's Greetings from CATS to Our Commercial Developers !**

Enclosed is the **3.1 Amiga Developer Update** disk set. This new 5-disk disk set for Amiga development includes:

Docs	V40.15 Autodocs, and articles/notes about V38/V39/V40
Includes&Libs	V40.15 C and assembler include files and linker libs
Examples1	General library examples including Locale, plus PCMCIA
Examples2	IFF modules and examples, Datatypes, AmigaGuide
SWToolkit3	The latest Amiga debugging tools

Also included are a new SetPatch for V37 which adds better ExAll emulation, and the current (as of 15-Dec-93) V40 SetPatch for V38 and higher systems. Note that the 40.15 exec.doc autodoc has been updated to have the correct prototype for CheckIO. This disk set will be available for purchase by Certified developers and end-users.

The 3.1 Amiga Developer Update materials can be used when developing for any Amiga OS version since they include all earlier structures and function autodocs. A new Readme called Using\_Amiga\_Includes provides some tips on developing for earlier releases.

V40 Workbench and Kickfiles for A4000, A2000, and soft-kick A3000 are currently available for testing in our closed developer conferences on BIX. CATS and Commodore Engineering would like to thank all of you who are testing and using 3.1.

**Happy Holidays !**

# ***Amiga DevCon '93***

**23rd & 24th October 1993**

**Tillington Hall Hotel, Stafford**

## **Agenda**

### **Friday**

- ~ arrive to book into pre-reserved rooms
- ~ evening meal 8.00 p.m.

### **Saturday**

- 10.00 hrs. David Pleasance & Lew Eggebrecht Welcome & Introduction**
- 10.15 hrs. Lew Eggebrecht (C.A.T.S.)** - CD<sup>32</sup>/Keynote Speech
- 10.45 hrs. Chris Ludwig (C.A.T.S.)** - Tools, Procedures and Documentation
- 11.15 hrs. C.Ludwig/D.Pocock (CBM)** - 3rd Party Development Tools
- 11.45 hrs. Morning Coffee Break**
- 12.00 hrs. Toby Simpson (Millenium)** - CD<sup>32</sup> Software Development
- 13.00 hrs. Buffet Lunch**
- 14.00 hrs. Caroline Sheppner (C.A.T.S.)**- CD<sup>32</sup> Gotcha's & De-Bugging
- 14.45 hrs. Chris Ludwig (C.A.T.S.)** - Motion Video
- 15.15 hrs. David Pocock (CBM)** - CDXL in Practice
- 15.45 hrs. Afternoon Tea**
- 16.00 hrs. David Pocock (CBM)** - Cutting Gold Disks
- 16.30 hrs. Paul Bishop (Nimbus)** - Disk Pressing and MPEG Compression
- 17.00 hrs. Q & A Forum**
- 17.30 hrs. Conference Close**
- 19.30 hrs. Meet in Private Bar for Dinner**

### **Sunday**

- 10.00 hrs. Jolyon Ralph (Almathera)** - Differences between CD-TV and CD<sup>32</sup>
- 10.45 hrs. Jim Hawkins** - Genetic Engineering
- 11.30 hrs. Morning Coffee Break**
- 11.45 hrs. Samantha Gemmell** - 24 BIT Graphics and MPEG in Practice
- 12.45 hrs. Buffet Lunch**
- 13.45 hrs. Mike Blackwell** - Canon Ion Camera
- 14.30 hrs. Mike Froggatt (Millenium)** - B.O.O.P.S.I.
- 15.30 hrs. Afternoon Tea**
- 15.45 hrs. Brian Fowler** - C.A.S.E.
- 16.30 hrs. Q & A Forum**
- 17.00 hrs. Conference Close**

## **BuildCD Software**

**BuildCD lets you drive the Philips CDD-521 CD write-once drive using an Amiga with a fast SCSI controller. BuildCD is free with the purchase of a Philips CDD-521 from CATS.**

### **BuildCD Features:**

- Easy-to-use gadtools user interface
- Cuts 0 or 1 Data tracks first, and any number of Audio or MPEG tracks – in any order
- Displays CD space and time used for all tracks
- Loads and saves track sheets for frequently cut titles

### **BuildCD/CDD-521 Requires:**

- Amiga 3000 or 3000T (Commodore will test with A4000/4091, call for details)  
Nice, fast SCSI!
- 8 Meg Fast RAM  
Used for buffer space to maintain 300K/second transfer rate

- Hard disk(s) of sufficient size and speed

The CDD-521 requires continuous sustainable transfer rates of 300K per second. With many hard disk drives, this rate is not sustainable during seeks. To avoid seeks, BuildCD ships with "ccopy" a special copy command that ensures contiguous files will be made at the destination. Using the "ccopy" system, an application may need between 2 and 3 times its size to be properly mastered – the original code, the ISO image of the code, and the "ccopy"ed version of the ISO image. Audio and MPEG data will also need to be "ccopy"ed. In addition, all drives attached to a SCSI bus with a CDD-521 attached must have reselection turned off.

Philips is a trademark.



Press Release November 29, 1993  
For Immediate Publication

# Introducing *Scientific Amigan*

## *Scientific Amigan* is for

Scientists  
Engineers  
Designers  
Statisticians  
Technicians  
Students  
Teachers  
Hobbyists

*Scientific Amigan* is a new publication devoted to addressing the needs of research, development, and design with the Amiga. This newsletter format monthly provides the technical focus that general Amiga publications lack. Readers benefit from techniques and software developed across a wide range of disciplines, instead of occasional articles that can't get to the required level of detail. The *Scientific Amigan* disk library provides a wide range of tools and data for the scientist and engineer; any two disks from the library are provided with a subscription to the newsletter. *Scientific Amigan* provides an enormous value to subscribers: eleven issues packed with the latest information only a newsletter can provide, software and data on disk (just like those expensive disk magazines), access to a growing disk library, and discounts for associated publications.

Those readers actively using Amigas in research, development and design will get even more value from their subscription when they write for *Scientific Amigan*. Readers will get preference for publication of submitted articles. While *Scientific Amigan* cannot compensate writers at the rates of larger publications, just one article can easily pay for an annual subscription. *Scientific Amigan* is actively pursuing writers for regular columns. Please write for your copy of the Author's Guide to *Scientific Amigan*.

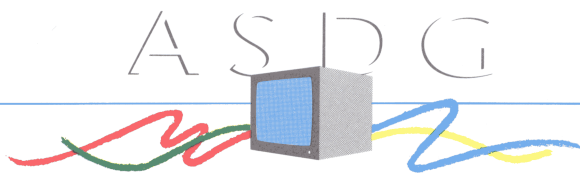
Domestic (United States) subscriptions to *Scientific Amigan* are \$39 a year. This includes eleven issues (combined January/February issue) and your selection of two disks from the *Scientific Amigan* library. Foreign subscriptions are an additional \$10 to cover postage and mailing. *Scientific Amigan* can only accept check or money order at this time. For more information and a sample issue, please write:

Scientific Amigan  
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Savannah, GA 31420-0685

First Issue  
January/February 1994

## *Scientific Amigan* Publishes

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Public Domain Applications Index  
Effective Analysis with Spreadsheet Programs  
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Data Handling and Visualization  
Acoustic Amiga  
And Much More...



May 20, 1993

Dear Fellow Developer,

Commodore is experiencing a temporary shortage of A2065 Ethernet cards. They have asked us to make our EB920 Ethernet card available directly to developers who are currently in need of high speed Amiga networking but cannot locate a source of Ethernet cards.

There are several completely viable alternatives for networking software. Oxxi's Novell software directly supports the EB920 as does ENLANSDFS from Interworks. As a developer, you have access to Commodore's unreleased SANA II version of AS-225 which allows peer-to-peer NFS flesharing as well as ENVOY (also SANA II based).

The EB920 is supplied with a SANA II compatible device driver. To put any worries about compatibility aside, I should mention that ASDG co-designed SANA II and wrote the SANA II device driver for the A2065.

The EB920 provides thin Ethernet (Cheapernet) only. It is jumperable to run at interrupt level 2 or 6 and has provisions for boot ROMS already in place (should any interested developer wish to make use of that capability).

ASDG's in-house network includes a dozen Amigas using EB920s including one acting as a secondary server. Our primary server is an Amiga UNIX system using an A2065. Our in-house network also includes three other platform types on the same wire. We have been operating EB920s in this network without incident since December 1992. Several larger Amiga developers (or end-users) also use EB920s in their networks.

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ASDG, INCORPORATED

925 STEWART STREET  
MADISON, WISCONSIN 53713  
608 / 273-6585

Availability is immediate. Pricing is as follows:

List Price	\$349
Quantity 1-4	\$244
Quantity 5-	\$237

Pricing does not include shipping. To order, please call me at (608) 273-6585. I can quote you an exact price including shipping at that time.

Commodore's networking software can be obtained from CATS or downloaded from the private developer areas on BIX. Contact information for Oxxi and Interworks are as follows:

Interworks  
43191 Camino Casillas  
Suite B2469  
Temecula, CA 92592

Oxxi, Inc.  
1339 E. 28th Street  
Long Beach, CA 90806

(909) 699 8120

(310) 427 1227

Sincerely,



Gina Cerniglia  
Sales Manager  
ASDG Incorporated



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